



John R. Kasich, Governor  
Mary Taylor, Lt. Governor  
Craig W. Butler, Director

OCTOBER 22, 2018

Mr. Edward Walker  
Wastewater Treatment Division  
City of Xenia  
966 Towler Road  
Xenia, Ohio 45385

**Re: Xenia Municipal Landfill  
Director's Authorization  
Approval  
Municipal Solid Waste Landfills  
Greene County  
MSWL019868**

**Subject: Xenia Municipal Landfill, Greene County  
Ohio Administrative Code (OAC) Rule 3745-27-13 Authorization**

Dear Mr. Walker:

Ohio EPA OCT 22 '18  
Entered Directors Journal

On September 7, 2018, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), Southwest District Office (SWDO), received a request, dated September 6, 2018, titled OAC 3745-27-13 Authorization Request (Request). The Request was submitted in accordance with OAC Rule 3745-27-13(E) by the city of Xenia (City), for Xenia Municipal Landfill (Facility) located at 966 Towler Road, Xenia, Ohio.

OAC Rule 3745-27-13 requires authorization from the director of Ohio EPA (director) before engaging in filling, grading, excavating, building, drilling, or mining on land where a solid waste facility was operated. The Facility operated as a municipal solid waste landfill from 1950 to 1985. The City requests to install, redevelop, and abandon gas monitoring probes at the Facility. Specifically, the City requests to install 17 new gas monitoring probes that will effectively monitor the migration pathways of explosive gas generated at the Facility. The City also requests to redevelop 10 previously installed gas monitoring probes that do not adequately monitor migration pathways. During this process, the City also requests to abandon 21 previously installed gas monitoring probes that are not effectively monitoring the Facility.

Based upon a review of the Request, I have determined, pursuant to OAC Rule 3745-27-13, that the proposed activities, if conducted in accordance with the Request as submitted on September 7, 2018, and the following conditions, will not result in a violation of applicable laws or regulations, will not create a nuisance, and are unlikely to adversely affect the public health or safety or the environment. Therefore, the City is hereby authorized to perform the activities outlined in this letter in accordance with the plans, specifications, and information submitted as part of the Request.

As part of this approval, the City is subject to the following conditions:

### CONDITIONS

#### General Conditions:

1. This approval grants authorization to perform activities at the Facility in accordance with the Request as submitted on September 7, 2018. All activities shall be conducted in strict compliance with the plans, specifications, and other information submitted as part of the Request. There may be no deviation from the approved plans without prior written authorization from Ohio EPA. Any future activities at the Facility may require additional Ohio EPA approval.
2. Not later than 72 hours prior to the start of activities associated with this authorization, the City shall submit written notification, which specifies the anticipated date of work commencement, to Ohio EPA, DMWM, SWDO and Greene County Public Health.
3. Access shall be allowed at the Facility to the director or a representative authorized by the director at any time to make inspections, conduct tests, or examine records and reports pertaining to the authorized activities.
4. All on-site activities shall be accomplished in compliance with all applicable state and federal laws and regulations pertaining to environmental protection, including but not limited to the control of air pollution, leachate, surface water run-on and run-off, and protection of ground water.

#### Operational Conditions:

##### OAC Rule 3745-27-13(H)(4)

5. Any solid and/or hazardous waste to be removed from the Facility shall be collected and securely stored until these materials are properly characterized and disposed of in accordance with Ohio Revised Code (ORC) Chapter 3734 and the regulations promulgated thereunder.
6. Prior to any disposal of waste or contaminated soil from the Facility, the City shall submit copies of sample analysis results, the treatment or disposal method selected, and a letter of acceptance from the treatment or disposal facility to Ohio EPA, DMWM, SWDO pursuant to OAC Rule 3745-27-13(H)(4).

##### ORC Chapter 6111

7. Any liquids, semi-solids, industrial wastes, and other wastes regulated by ORC Chapter 6111 that are removed during intrusive activities shall be collected and securely stored until these materials are properly characterized and disposed of in accordance with ORC Chapter 6111 and the regulations promulgated thereunder.

OAC Rule 3745-27-13(J)

8. All on-site activities shall be performed in a manner that:
  - a. Prevents migration of leachate, explosive gas, or toxic gas from the Facility;
  - b. Does not create a nuisance or adversely affect public safety or health or the environment;
  - c. Controls fugitive dust and other air emissions; and
  - d. Minimizes the potential for increased infiltration of surface water.
  
9. For the purposes of erosion control, the City shall use best management practices and standards as specified in the National Resources Conservation manual titled Rainwater and Land Development prepared by the Ohio Department of Natural Resources, Division of Soil & Water Conservation.

OAC Rule 3745-27-13(H)(6)

10. No boring or excavation shall occur within the limits of waste placement unless any excavated waste is replaced within previously existing horizontal and vertical limits of waste placement or is treated or disposed of at a licensed, permitted treatment or disposal facility, in accordance with ORC Chapter 3734 and the regulations promulgated thereunder.

OAC Rule 3745-27-13(H)(7)

11. If boring or excavation occurs outside the limits of waste placement at the Facility, the City shall not use material consisting of solid waste or hazardous waste to backfill the bored or excavated areas.

OAC Rule 3745-27-13(H)(10)

12. Not later than 60 days after completing the activities authorized through this approval, the City shall submit to Ohio EPA, DMWM, SWDO a certification report in accordance with OAC Rule 3745-27-13(H)(10).

OAC Rule 3745-27-13(M)

13. This authorization shall terminate 3 years after its effective date if the City has not begun the activities authorized herein.

OAC Rule 3745-27-13(O)

14. The director may revoke this authorization if the City violates, or is likely to violate, any applicable law or if continued implementation of the approved plans may cause a threat to human health or safety or the environment.

Special Conditions:

15. Not later than one year after the date of this approval letter, the City shall submit to Ohio EPA, DMWM, SWDO an updated Explosive Gas Monitoring Plan (EGMP), written in accordance with OAC Rule 3745-27-12. The updated EGMP shall detail the gas monitoring probe network that results from the work authorized by this approval, as well as any other work performed in the last couple of years that may not have been captured previously in the EGMP.

**END OF CONDITIONS**

Nothing in this letter shall be construed to authorize any waiver from any requirements of applicable federal or state laws or regulations except as specified herein. This authorization shall not be interpreted to release the City from responsibility under ORC Chapters 3704, 3714, 3734, or 6111; under the Federal Clean Water Act, the Resource Conservation and Recovery Act, the Toxic Substances Control Act, or the Comprehensive Environmental Response, Compensation, and Liability Act; or from other applicable requirements for remedying conditions resulting from any release of contaminants to the environment.

You are hereby notified that this action of the director is final and may be appealed to the Environmental Review Appeals Commission (Commission) pursuant to Ohio Revised Code Section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within 30 days after notice of the director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the director within 3 days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Commission at the following address:

Environmental Review Appeals Commission  
30 East Broad Street, 4th Floor  
Columbus, Ohio 43215

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If you have any questions regarding this authorization, please contact Dylan Dyer of Ohio EPA, SWDO at (937) 285-6048.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Butler".

Craig W. Butler  
Director

cc: Tracy Buchanan, DMWM, SWDO  
Jeremy Carroll, DMWM, CO  
Ed Walker, City of Xenia  
Russell Dornbusch, Wood plc  
Mark Isaacson, Greene County Public Health